

**ABSTRACT**

[0062] A system and method of processing a message in an asynchronous architecture is provided. In the method, a determination is made that a response to a message sent by an instance of software code is to be received, where the response indicates whether the message succeeded or failed. Another determination is made as to whether the response has been received. If the response has not been received, the instance of the software code is stored in memory, thereby suspending the instance. The response is received, the instance resumed and the response is processed.